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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/005,718	11/08/2001	Jin Guo	LX00096	7697
20280	7590	09/21/2005	EXAMINER	
MOTOROLA INC 600 NORTH US HIGHWAY 45 ROOM AS437 LIBERTYVILLE, IL 60048-5343			CHANG, RICHARD	
			ART UNIT	PAPER NUMBER
			2663	

DATE MAILED: 09/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/005,718

Applicant(s)

GUO ET AL.

Examiner

Richard Chang

Art Unit

2663

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 08 November 2001.
- 2a) ☐ This action is **FINAL**.      \* 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some    \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-16 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by US patent No. 6,170,000 ("Bories et al.").

Regarding claims 1 and 16, Bories et al. teach a portable communication device (10) comprising:

a plurality of keys (48) (see Fig. 3, Col. 5, lines 3-14) arranged in an ordered array (phonetic keypad), each key being associated with a phonetic consonant (44) and a phonetic vowel (46) wherein the phonetic consonants and vowels are Korean Jamos symbols used to generate Korean Hangul characters (See Fig. 2, Col. 4, lines 29-43),

a controller (16) coupled to the plurality of keys (12), the controller being capable of detecting a first selection of the plurality of keys (key actuation) and associating the first selection to a particular phonetic consonant of the selected key, the controller also being capable of detecting a second selection of the plurality of keys and associating the second selection to a particular phonetic vowel, the second selection being subsequent to the first selection (syntax rule), and

a display (26) coupled to the controller (16), the display being capable of displaying the particular phonetic consonant and the particular phonetic vowel (See Fig. 1, Col. 3, line 65 to Col. 4, line 22).

Regarding claims 2-4, these claims have limitation that is similar to those of claim 1, thus it is rejected with the same rationale applied against claim 1 above.

Regarding claim 5, this claim has limitation that is similar to those of claim 1, thus it is rejected with the same rationale applied against claim 1 above.

Regarding claim 6, this claim has limitation that is similar to those of claim 1, thus it is rejected with the same rationale applied against claim 1 above.

Regarding claim 7, this claim has limitation that is similar to those of claim 1, thus it is rejected with the same rationale applied against claim 1 above.

Regarding claim 8, this claim has limitation that is similar to those of claim 1, thus it is rejected with the same rationale applied against claim 1 above.

Regarding claims 9 and 13, Bories et al. further teach that the key assignment is software definable by the way the key strobes take place (See Col. 5, lines 15-25).

Regarding claim 10, this claim have limitation that is similar to those of claim 1, thus it is rejected with the same rationale applied against claim 1 above.

Regarding claim 11, this claim has limitation that is similar to those of claim 1, thus it is rejected with the same rationale applied against claim 1 above.

Regarding claim 12, this claim has limitation that is similar to those of claim 1, thus it is rejected with the same rationale applied against claim 1 above.

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Regarding claims 14-15, these claims have limitation that is similar to those of claim 13, thus it is rejected with the same rationale applied against claim 13 above.

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Chang whose telephone number is (571) 272-3129. The examiner can normally be reached on Monday - Friday from 8 AM to 5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on (571) 272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

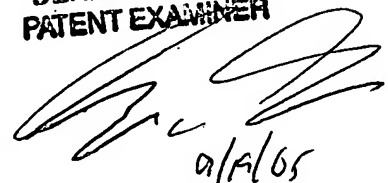
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*rw*

rkc

Richard Chang  
Patent Examiner  
Art Unit 2663

DERRICK FERRIS  
PATENT EXAMINER



9/16/05